



Local Climatological Data

Annual Summary With Comparative Data

1976

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WASHINGTON, D.C.
NATIONAL AIRPORT

USB

Narrative Climatological Summary

Washington lies at the western edge of the middle Atlantic coastal plain, about 50 miles east of the Blue Ridge Mountains and 35 miles west of Chesapeake Bay at the junction of the Potomac and Anacostia Rivers. Elevations range from a few feet above sea level to about 400 feet in parts of the northwest section of the city.

Observational records have been kept continuously since November 1870. Since June 1941, the official observations have been taken at Washington National Airport. Significant temperature differences within the metropolitan area are not unusual. Average minimum temperatures at some locations are 8° lower than official airport readings. Minimum temperatures for the airport are highest for the area since the airport is located near the center of the urban heat island. Variations in the average maximum temperatures over the metropolitan area are usually less than 5°. Rainfall and snowfall amounts at the airport are less than an average for the area; some locations average 5 inches more precipitation than the airport per annum.

Summers are warm and humid and winters mild; generally pleasant weather prevails in the spring and autumn. The coldest weather occurs in late January and early February. The warmest weather occurs late in July. There are no well pronounced wet and dry seasons. Thunderstorms, during the summer months, often bring sudden and heavy rain showers and may be attended by damaging winds, hail, or lightning. On June 9, 1929, a violent local thunderstorm was accompanied by wind gusts up to 100 m.p.h. Two severe hailstorms with resultant damage of \$100,000 or more are recorded, one in April 1938 and the other in May 1953. Tornadoes rarely occur, but three rather destructive ones have been recorded - one in April 1923 and one in November 1927; the resulting damage was \$100,000 or more in each case. In April 1973 a tornado struck in the vicinity of suburban Fairfax, Virginia causing an estimated \$15,000,000 damage.

Tropical disturbances occasionally, during their northward passage, influence Washington's weather mainly with high winds and heavy rainfall, but extensive damage from wind and tidal flooding is rare.

With the passage of Hurricane Hazel on October 15, 1954, the peak gust of wind reached 98 m.p.h., but only 1.73 inches of rainfall was recorded. Hurricane Connie, August 12-13, 1955, produced 6.60 inches of rainfall but the peak wind was only 58 m.p.h. During June 21-22, 1972, Hurricane Agnes produced 7.52 inches of rain at Washington National Airport. Flooding from the rains of Agnes caused 16 deaths in the greater metropolitan area and damage totaled \$300,000,000 in Virginia, Maryland, Delaware and the District of Columbia.

In recent years, urban flooding caused by locally heavy rains has become a major problem. The most critical flooding is associated with the Alexandria portion of Four Mile Run in nearby Virginia but other streams in the Metropolitan Area are flooding with increasing frequency.

Occasional overflows from the Potomac River result from heavy rain over the basin, at times augmented by melting snow. In a few cases during cold winters ice forms on the river and in spring flooding is caused by ice gorges when the ice breaks up. The river is in tidewater and above normal tides associated with hurricane or severe storms along the coast cause flooding at times. Major floods occurred in June 1972, October 1954 and 1942, April 1937, March 1936 and August 1933. In 1954 and 1933 the flooding resulted mainly from high tides caused by hurricane winds. In 1942 the flooding was a combination of heavy rain and tidal flooding. In the other cases the flooding resulted mainly from heavy rain in the Potomac basin.

Snow accumulations of more than 10 inches are relatively rare. Usually the melt-off is rapid, but snow depths of 3 or more inches make driving hazardous, and slows or halts traffic. Schools may be closed and community activities may be temporarily disorganized, but usually conditions improve within a day or two. The first significant snow accumulation of a season is often the most disruptive.

The greatest recorded snowfall from a single storm was 28 inches. This is known as the Knickerbocker Storm and occurred in two days of January 1922. The snowfall accumulation collapsed the roof of the Knickerbocker Theater and resulted in the loss of many lives. Snowfalls of this magnitude are rare.

Records of the past 20 years show the average date of the last freezing temperature in the spring to be March 29 and the latest April 16. The average date of the first freezing temperature in the fall is November 10 and the earliest October 20.

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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL / NATIONAL CLIMATIC CENTER
DATA SERVICE / ASHEVILLE, N.C.

Meteorological Data For The Current Year

Station: WASHINGTON, D. C. # 19743		WASHINGTON NATIONAL AIRPORT Standard time used:										EASTERN		Latitude: 36° 51' N		Longitude: 77° 02' W		Elevation (ground): 10 feet		Year: 1976							
Month	Temperature °F						Degree days Base 65 °F	Precipitation in inches						Relative humidity, p.c.		Wind						Average station pressure mb					
	Averages			Extremes				Water equivalent			Snow, ice pellets			Resultant		Fastest mile		Sunrise to sunset		Temperature °F							
	Daily maximum	Daily minimum	Monthly	Highest Date	Lowest Date	Heating Cooling		Total	Greatest in 24 hrs.	Date	Total	Greatest in 24 hrs.	Date	Hour	Hour	Hour	Hour	Direction	Speed m.p.h.	Average speed m.p.h.	Direction	Date					
JAN	41.4	26.3	33.9	59 27	11 18	956 0	3.56	2.13	31-1	0.1	0.1	0.1	21	65 63	52 58	30 33	NW	14	49	5.9	10 7	14	10 0	0 0	1017.6		
FEB	58.0	35.8	46.9	79 17	11 2	524 4	1.55	0.64	L-2	0.9	0.9	0.9	2	58 62	48 46	26 28	NE	2	63	6.1	8 13	7	0 0	0 0	1014.9		
MAR	61.5	41.1	51.3	83 5	24 18	415 1	2.51	0.76	31	0.8	0.8	0.8	9	61 67	49 51	24 26	SW	21	50	6.6	9 19	5	0 0	0 0	1015.9		
APR	72.5	47.3	59.9	95 18	32 12	236 92	1.17	1.58	31-1	0.0	0.0	0.0	57	61 34	38 33	31 26	SW	26	85	4.3	17 6	7	1 0	1 0	1013.9		
MAY	75.0	55.0	65.0	87 21	43 19	80 86	3.57	1.42	1	0.0	0.0	0.0	66 67	49 52	21 23	SW	19	70	6.9	6 17	1	0 0	0 0	1012.9			
JUN	87.0	68.2	77.6	95 28	53 6	0 383	1.21	0.77	16-17	0.0	0.0	0.0	69 66	45 51	18 21	SW	20	68	6.3	8 14	7	0 0	0 0	1014.9			
JUL	87.7	69.1	78.4	93 24	62 26	0 424	4.54	1.17	10-11	0.0	0.0	0.0	74 72	49 59	26 33	SW	15	69	5.9	8 12	11	13 0	0 0	1012.2			
AUG	85.5	67.9	76.7	94 13	58 30	0 370	2.13	1.24	8	0.0	0.0	0.0	84 82	57 64	30 33	SW	14	74	4.5	14 10	7	0 0	0 0	1016.6			
SEP	79.8	60.9	70.4	93 8	49 23	11 179	7.23	5.13	15-16	0.0	0.0	0.0	84 87	58 65	26 26	NE	30	59	5.5	9 12	8	1 0	0 0	1014.6			
OCT	63.1	47.7	55.4	78 7	30 29	206 15	7.76	1.89	2-3	0.0	0.0	0.0	83 82	60 70	32 32	SE	9	48	6.3	10 4	17	12 0	0 0	1015.6			
NOV	52.1	33.9	43.0	74 19	18 30	652 0	0.85	0.56	28-29	0.8	0.6	0.6	12 66	73 48	52 27	SE	22	53	5.4	11 6	13	0 0	0 0	1014.6			
DEC	43.8	27.1	35.5	54 13	14 30	6-7	0.6	0.6	29	66 69	51 57	27	4.0 10.4	34	NW	13	64	5.2	15 4	12	0 0	0 0	1014.9				
YEAR	67.3	48.4	57.9	95 28	JUN 11	FEB 2	4087	1554	38.07	5.13	15-16	3.2 0.9	2 2	69 71	50 55	26 26	2.5 9.7	50	N JUL 15	64	5.7	125 85	156 101	0 22	7 36	7 77	0 1014.9

Normals, Means, And Extremes

Month	Temperatures °F						Normal Degree days Base 65 °F	Precipitation in inches						Relative humidity p.c.		Wind						Mean number of days						Average station pressure mb						
	Normal			Extremes				Water equivalent			Snow, ice pellets			Resultant		Fastest mile		Sunrise to sunset		Mean sky cover, tenths, sunrise to sunset		Percent of possible sunshine		Temperatures °F Max. Min.										
	Daily maximum	Daily minimum	Monthly	Record highest Year	Record lowest Year	Heating Cooling	Normal	Maximum monthly	Year	Minimum monthly	Year	Maximum in 24 hrs.	Year	Maximum monthly	Year	Maximum in 24 hrs.	Year	Mean speed m.p.h.	Prevailing direction	Speed m.p.h.	Direction	Year	Clear	Partly cloudy	Cloudy	Precipitation	Show, ice pellets	10 inch or more	Thunderstorms	Heavy fog visibility	% mile or less	90 and above	22 and below	32 and below
(a)	35	25	35	79 1950	3 1972	911 0	2.62	5.08	1949	0.31	1955	2.13	1976	13.8	1966	66 59	54 59	9.9	NW	56	48	6.6	8 7	16 11	1 1	* 2	0 0	5 23	0 1018.0					
J	43.5	27.7	35.6	79 1950	3 1972	776 0	2.45	5.71	1961	0.80	1968	1.77	1971	19.0	1967	14.4	1958	64 67	52 55	10.4	S	57	52	6.4	7 7	14 9	1 1	* 2	0 0	1015.7				
F	46.0	28.6	37.3	82 1948	4 1961	617 0	3.33	7.43	1953	0.64	1945	3.43	1958	17.1	1960	7.9	1960	63 68	49 53	10.9	NW	60	55	6.4	7 9	15 11	1 1	* 9	0 0	1014.3				
M	52.0	35.2	45.1	89 1945	11 1943	265 7	2.86	5.97	1952	0.26	1942	3.08	1970	0.6	1972	64 68	47 49	10.5	S	56	57	6.3	7 9	14 10	0 0	* 1	0 0	1013.4						
A	67.1	45.7	56.4	95 1976	24 1950	265 7	3.48	11.53	1972	1.21	1976	7.19	1972	0.0	0.0	7.6	75 72	51 52	60 67	SW	48	58	6.3	7 11	13 11	0 0	* 5	0 0	1012.3					
M	76.6	55.7	66.2	97 1969	36 1947	72 0	3.68	10.69	1953	1.05	1963	4.32	1953	†	1963	71 72	51 56	9.2	S	59	58	6.3	7 11	13 11	0 0	* 2	0 0	1014.0						
J	84.6	64.6	74.6	101 1952	47 1972	0 288	3.18	11.53	1972	1.21	1976	7.19	1972	0.0	0.0	8.7	55	57	1954	64	5.9	8 11	11 9	0 0	* 8	0 0	1014.0							
J	88.2	69.1	78.7	103 1954	55 1943	0 425	4.12	11.06	1945	0.93	1966	4.69	1970	0.0	0.0	8.1	55	54	E 1951	62	6.0	7 13	11 10	0 0	* 13	0 0	1013.5							
A	86.2	67.6	77.1	100 1953	51 1963	0 375	4.67	14.31	1955	0.55	1962	6.39	1955	0.0	0.0	7.8	79 74	62 60	8.0	S 1955	62	5.7	10 9	12 9	0 0	* 10	0 0	1015.9						
S	80.2	61.0	70.6	100 1953	39 1963	14 182	3.08	12.36	1975	0.20	1967	5.31	1975	0.0	0.0	7.8	80 75	55 65	8.2	SE 1952	62	5.5	10 9	11 8	0 0	* 4	0 0	1016.0						
D	69.8	49.7	59.8	90 1954	29 1969	190 29	2.66	8.18	1942	T	1963	4.98	1955	†	1974	76 79	51 63	8.5	SSN 1954	60	5.2	12 7	7 0	0 1	* 2	0 0	1017.7							
N	57.2	38.8	48.0	86 1974	16 1955	510 0	2.90	6.70	1963	0.37	1965	2.63	1971	6.9	1967	65 73	52 59	9.2	E 1952	53	5.9	9 8	13 8	0 1	* 1	0 0	1016.2							
D	45.2	29.5	37.4	75 1946	1 1942	856 0	3.04	6.54	1969	0.22	1955	2.08	1974	16.2	1962	11.4	1957	68 71	57 61	9.4	NW 1957	47	6.4	9 6	16 9	1 1	* 2	0 0	1016.4					
YR	66.7	47.8	57.3	103 1954	1 1942	4211 1415	38.89	14.31	1955	T	1963	7.19	1972	21.3	1966	14.4	1958	71 73	52 59	9.3	S 1954	57	6.1	101	106 158	111 5	29 13	37 9	75 0	1015.3				

Means and extremes above are from existing and comparable exposures. Annual extremes have been exceeded at other sites in the locality as follows: Highest temperature 106 in July 1930+; lowest temperature -15 in February 1899; maximum monthly precipitation 17.45 in September 1934; maximum precipitation in 24 hours 7.31 in August 1928; maximum monthly snowfall 35.2 in February 1899; maximum snowfall in 24 hours 25.0 in January 1922.

(a) Length of record, years, through the current year unless otherwise noted, based on January data.

NORMALS - Based on record for the 1941-1970 period.
DATE OF AN EXTREME - The most recent in cases of multiple occurrence.

PREVAILING WIND DIRECTION - Record through 1963.

WIND DIRECTION - Numerals indicate tens of degrees clockwise from true north. 00 indicates calm.

FASTEAST MILE WIND - Speed is fastest observed 1-minute value when the direction is in tens of degrees.

Average Temperature

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1937	43.8	36.6	42.1	53.4	65.6	75.1	77.2	77.8	65.9	55.3	46.6	37.0	56.4
1938	35.7	40.9	49.8	57.1	63.4	72.8	78.4	78.6	67.4	58.8	49.8	38.4	57.6
1939	37.8	42.3	46.4	53.4	68.0	75.4	76.2	78.8	71.0	58.4	46.0	40.1	57.8
1940	24.9	37.1	40.7	50.8	64.4	74.8	77.5	73.4	66.8	55.7	48.2	42.8	54.8
#1941	34.8	33.8	39.8	60.6	66.8	73.2	77.0	75.4	72.4	64.4	50.1	41.4	57.5
1942	34.4	24.1	46.8	58.2	68.4	74.0	78.6	74.8	70.3	59.8	47.6	34.4	56.8
1943	35.8	38.2	44.6	51.1	66.9	78.8	78.0	78.6	67.6	56.4	46.8	36.6	56.6
1944	37.2	37.8	42.6	53.4	70.8	74.6	78.2	75.8	70.6	56.6	47.4	34.2	56.6
#1945	30.8	38.4	55.5	59.4	63.0	74.4	76.4	74.8	72.8	57.6	49.3	32.9	57.1
#1946	36.8	39.2	53.0	56.0	65.2	72.4	76.2	72.6	70.0	61.4	51.8	41.4	58.0
#1947	41.7	31.4	40.0	57.2	64.6	71.6	75.3	79.0	68.4	64.5	46.2	36.6	56.5
#1948	28.8	36.8	48.0	55.9	64.6	74.0	78.0	75.8	69.4	56.2	51.4	40.2	56.6
1949	42.6	43.8	46.6	55.0	66.0	75.1	81.0	77.6	67.1	63.4	48.1	41.9	59.0
1950	48.0	38.7	41.7	52.4	64.5	73.9	76.2	75.6	66.9	61.0	47.9	35.6	56.9
1951	39.3	38.6	45.6	55.9	64.9	73.4	78.7	76.8	70.3	62.1	44.1	40.9	57.6
1952	40.7	41.1	43.9	57.0	67.2	76.9	80.5	76.2	70.9	55.3	48.2	38.9	57.6
1953	40.7	42.6	47.5	58.1	70.1	74.6	79.6	76.3	69.7	60.5	48.1	40.9	58.9
1954	35.9	43.5	44.5	59.6	62.4	74.4	78.6	75.2	73.3	62.0	45.7	37.1	57.7
1955	35.4	37.8	47.1	58.2	67.1	70.2	82.1	78.3	69.9	59.6	45.5	33.6	57.1
1956	34.5	41.1	43.2	52.6	63.6	73.3	75.6	75.0	66.0	59.0	46.1	44.2	56.3
1957	32.9	41.4	45.8	59.2	67.7	76.0	79.5	77.1	71.9	53.4	49.6	41.4	58.0
1958	34.4	31.2	41.4	57.1	68.1	71.3	79.1	75.6	69.1	59.1	49.9	32.9	55.5
1959	34.9	39.0	45.4	58.5	59.8	76.0	78.5	70.3	73.2	62.2	46.6	42.0	58.9
#1960	38.2	38.3	35.6	61.2	63.7	74.1	77.7	76.8	71.3	58.7	48.5	31.0	56.3
1961	29.8	38.3	47.6	52.0	62.2	73.2	78.8	77.6	74.8	59.5	50.2	36.4	56.7
1962	34.0	34.6	44.2	56.8	63.6	73.8	75.3	76.8	70.3	60.3	52.0	33.2	55.8
1963	31.3	34.0	41.7	57.8	64.9	72.7	75.4	72.4	66.6	61.1	49.8	31.1	55.7
1964	36.3	36.9	47.5	54.1	68.1	76.4	79.1	75.5	69.7	59.1	50.0	39.9	57.5
1965	33.4	36.8	41.4	51.8	69.1	72.6	78.2	77.2	70.3	57.5	49.3	41.5	56.0
1966	32.4	36.2	47.5	52.7	65.0	76.0	80.9	78.7	68.6	57.0	49.5	37.6	56.6
1967	41.0	34.0	45.0	57.0	60.0	74.7	77.2	76.2	68.0	57.9	45.0	39.9	56.6
1968	31.4	34.3	49.7	58.0	63.7	74.1	79.1	79.2	72.0	61.3	50.0	36.6	57.3
1969	34.2	36.9	63.0	58.7	68.4	77.1	79.5	76.9	70.1	58.8	47.2	36.3	57.2
1970	30.0	37.1	41.9	55.3	63.7	75.2	79.2	79.0	75.0	62.5	49.3	39.7	57.1
1971	31.3	39.1	43.2	55.0	63.7	75.8	78.3	76.7	73.0	64.7	48.2	45.5	57.9
1972	38.5	36.5	45.6	54.1	64.6	70.2	77.3	75.9	71.0	56.0	46.8	43.6	56.7
1973	27.6	37.0	51.1	56.0	62.6	77.1	79.1	79.9	74.2	63.2	51.6	41.9	59.3
1974	42.9	39.2	49.2	58.3	65.1	71.5	79.1	78.4	70.2	57.3	50.9	43.1	58.8
1975	40.9	40.6	45.2	53.6	69.7	70.4	79.3	68.1	60.5	63.2	54.4	40.5	59.4
1976	33.9	46.9	51.3	59.9	65.0	77.6	78.4	76.7	70.4	55.4	43.0	35.5	57.9
RECORD	33.9	46.9	51.3	59.9	65.0	77.6	78.4	76.7	70.4	55.4	43.0	35.5	57.9
MEAN	36.1	36.0	45.8	56.2	65.8	74.4	78.4	76.9	70.3	59.5	48.3	38.3	57.2
MAX	43.7	46.4	55.0	66.0	75.7	83.7	87.4	85.7	79.3	69.0	57.1	45.8	66.3
MIN	28.4	29.3	36.6	45.7	55.8	65.0	69.4	66.1	61.3	49.9	39.5	30.7	48.3

Heating Degree Days

Season	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
1956-57	0	0	80	188	560	628	988	657	587	240	66	4	4017
1957-58	0	0	40	292	458	725	943	941	723	255	66	0	4443
1958-59	0	0	22	203	447	987	926	721	601	222	39	8	4176
1959-60	0	0	28	195	545	704	824	765	905	200	103	0	4270
#1960-61	0	0	7	212	489	1048	1081	740	536	399	123	6	4641
1961-62	0	0	16	181	459	882	932	848	642	302	60	0	4322
1962-63	0	0	59	244	599	1034	932	846	508	245	87	1	4339
1963-64	0	0	70	129	449	1042	882	810	536	339	54	4	4315
1964-65	0	0	29	300	415	771	974	785	724	395	27	24	4444
1965-66	0	1	18	236	458	723	1001	800	535	374	99	11	4256
1966-67	0	0	41	240	462	843	735	859	611	249	78	3	4227
1967-68	0	0	34	240	392	773	1033	886	471	216	87	0	4332
1968-69	0	0	0	162	445	875	949	780	671	208	40	0	4130
1969-70	0	0	18	225	325	883	1077	773	719	294	56	0	4565
1970-71	0	0	17	131	464	777	1034	722	670	294	85	2	4196
1971-72	0	0	12	61	518	997	815	817	599	326	56	21	3822
1972-73	0	0	4	278	343	654	843	777	423	286	109	0	3921
1973-74	0	0	4	103	399	708	776	716	490	228	85	4	3814
1974-75	0	0	26	250	446	674	740	677	608	345	24	0	3790
1975-76	0	0	20	102	320	752	936	524	415	236	80	0	3413
1976-77	0	0	11	305	652	907	1076	1076	1076	1076	1076	0	0

Cooling Degree Days

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1969	0	0	0	24	151	367	458	360	180	39	1	0	1580
1970	0	0	0	10	166	311	449	442	324	60	0	0	1762
1971	0	0	0	0	52	337	422	372	258	60	22	0	1523
1972	0	0	0	3	50	184	393	346	195	8	2	0	1186
1973	0	0	0	2	21	47	371	468	288	57	3	0	1706
1974	0	0	0	4	33	96	205	441	422	172	17	0	1437
1975	1	0	0	0	12	177	344	448	475	132	50	15	1654
1976	0	4	1	92	86	383	424	370	179	15	0	0	1554

Snowfall

Season	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
1937-38	0	0	0	0	0	0	T	T	1.5	2.5	0	0	5.4
1938-39	0	0	0	0	0	0	7.0	T	1.5	0.3	T	0	15.1
1939-40	0	0	0	0	0	0	0	0	4.4	15.5	4.3	0.4	25.3
1940-41	0	0	0	0	0	0	1.5	T	3.2	2.0	11.2	0	0
1941-42	0	0	0	0	0	0	0	0	0.2	1.5	0.1	1.1	12.6
1942-43	0	0	0	0	0	0	0	0	0.5	6.2	0.7	7.9	0
#1943-44	0	0	0	0</									

STATION LOCATION

WASHINGTON, D. C.
WASHINGTON NATIONAL AIRPORT

Location	Occupied from	Occupied to	Airliner distance and direction from previous location	Latitude	Longitude	Ground at temperature site	Elevation above						Sea level	Remarks	
							See level	Ground				Sea level			
				North	West		Wind instruments	Extreme thermometer	Psychrometer	Telepseudometer	Tippling bucket rain gauge	Weighting rain gauge	8° rain gauge	Hygrothermometer	Pyranometer
CITY															
1719 G Street NW	11/1/70	8/15/88		38° 54'	77° 03'	63	67	a44	a44			b51			a - 59' to 3/10/72. b - 64' to 3/10/72.
1744 G Street NW	8/15/88	3/22/89	Across St.	38° 54'	77° 03'	65	57	58	58			51			
2416 M Street NW	3/22/89	3/5/42	3/4 mi. NW	38° 54'	77° 03'	72	c85	d62	d62		e42	42			c - 67' to 10/16/94; 76' to 1/1/06; unknown to 9/1/06; 58' to 1/1/07; 64' to 4/11/07; 79' to 5/8/07. d - 59' to 9/1/06; 44' to 1/1/07; unknown to 4/11/07. e - Installed 8/1/07.
2400 M Street NW	3/5/42	1/1/66	100 ft. N	38° 54'	77° 03'	72	f100	56	56	g55	54	55	53	f103	f - Installed 3/2/42. g - For period 3/30/49 to 9/22/52.
AIRPORT															
Bolling Field Anacostia, D. C.	8/14/29	7/27/31		*38° 54'	77° 00'	*15	-	33	33						* - Approximate values.
Washington-Hoover APt	7/27/31	6/16/41	2 mi. NW	38° 52'	77° 03'	12	28	5	5						† - Arlington County, Virginia.
Washington National Airport, Terminal Bldg.	6/16/41	8/5/42	1-1/4mi.SSE	38° 51'	77° 03'	14	89	a6	72		3		3		a - Site 1450 ft. NNW of office.
"	8/5/42	1/1/45	None	"	"	14	89	a6	72		3	4	3		
"	1/1/45	8/1/45	"	"	"	14	93	a6	72		3	4	3		
"	8/1/45	11/23/45	"	"	"	14	93	64		64	3	4	3		
"	11/23/45	4/1/46	"	"	"	14	93	72	72		3	4	3		
"	4/1/46	7/30/46	"	"	"	14	93	64		64	3	4	3		
"	7/30/46	9/13/46	"	"	"	14	93	74	72		3	4	3		
"	9/13/46	11/24/46	"	"	"	14	93	a6		a6	3	4	3		
"	11/24/46	5/1/47	"	"	"	14	93	72	72		3	4	3		
"	5/1/47	5/15/47	"	"	"	14	93	a6		a6	3	4	3		
"	5/15/47	5/16/47	"	"	"	14	93	72	72		3	4	3		
"	5/16/47	8/28/47	"	"	"	14	93	a6		a6	3	4	3		
"	8/28/47	9/5/47	"	"	"	14	93	72	72		3	4	3		
"	9/5/47	12/1/47	"	"	"	14	93	a6		a6	3	4	3		
"	12/1/47	3/21/48	"	"	"	14	93	b6		b6	3	4	3		
"	3/21/48	2/16/50	"	"	"	14	93	72	72		3	4	3		b - Site 500 ft. W of office.
"	2/16/50	9/28/50	"	"	"	14	120	72							
"	9/28/50	10/4/51	"	"	"	14	113	72							
"	10/4/51	2/7/52	"	"	"	14	113	64							
"	2/7/52	8/29/52	"	"	"	14	113	b6	b6		3	4	3		# - 115 ft. to 3/24/53.
"	8/29/52	12/30/57	"	"	"	14	#111	b6		b6	3	4	3		c - Site 1/2 mi. ESE of office.
"	12/30/57	9/30/59	"	"	"	14	c20	b6		b6	3	3	3		Wind equipment on tower roof.
"	9/30/59	9/30/60	"	"	"	14	111	b6		b6	3	3	3		d - Site 3/8 mi. SE of office.
"	9/30/60	8/30/68	"	"	"	14	d20	77	77		3	3	3	d4	
Main Terminal Building Washington National AP	8/30/68	Present	A	38° 51'	77° 02'	10	20	77	77		3	3	3	4	A - Wind equipment and hygrothermometer moved 750 ft. NE. e - Relocated in March 1971. f - Moved 800 feet SSE 8/1/75.
							f20			e85	e85	e85	f4		

Requests for additional climatic information should be addressed to: Director, National Climatic Center, Federal Building, Asheville, N. C. 28801

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